

| OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT | |
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| Project Name: PEMACO REMEDIAL ACTION | For Week Ending: 10/14/06 |
| Project Location: MAYWOOD, CALIFORNIA | Report #: 2006W08 |
| Name: Mark Prostko | Title: Construction Manager |
| Company Name & Address: TN & Associates | |
| Phone: (805) 585-2110 | Fax: (805) 585-2111 |
| Reporting Period: 10/07 – 10/14/2006 | |
| Percent field work completed: | |
| Percent project completed: | |
| <p>Summary of work completed on site:</p> <ul style="list-style-type: none"> • There was no work performed during the previous week (Week ending 10/07/06). (Sturdi Quick was terminated and Clevenger Construction Company was being contracted) • Clevenger Construction Company mobilized on Monday 10/09/06. Monday 10/09 through Wednesday 10/11/06 the crew made final preparations for concrete pours scheduled. Adjusted rebar, trench drain/sump area, forms, and anchor bolts. • Thursday 10/12/06 the crew poured 70 CY of 4,000 psi concrete in the electrical room 10" slab and containment curb, footers, entire perimeter containment curb for the Treatment Compound area and trench drain/sump floor, finished and broom swept concrete. • Thursday 10/12/06 the crew removed all PVC sub-slab conduit stub-ups located within the treatment compound area, with the exception of the stub-ups in the electrical room. • Friday 10/13/06 the crew poured +/- 100 CY of 4,000 psi concrete 10" slab for Treatment Compound building, finished and broom swept concrete. • Saturday 10/14/06 the crew saw cut the concrete joints within the Treatment Compound and electrical room pads. • Removed 40' section of green fabric from the ERH fence to create a clear line of sight for future security. • Photo documentation of the site activities is ongoing. <p>Health and Safety (10/07/2006 to 10/14/2006)</p> <ul style="list-style-type: none"> • No incidents to report within the past week. • Perimeter dust monitoring program is being performed and documented. • Since August 4, a total of 33 work days have been completed without a lost time incident. • Daily safety meeting records are being completed by Mark Prostko and kept on file in the office trailer. • Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks. Concrete work hazards were the main topic this week. | |
| Summary of work completed off site: NA | |
| <p>Explanation of deviation from work plan (including modifications and schedule slippages:</p> <p>No deviations from Work Plan.</p> | |
| Recommendations: | |
| <p>Key personnel changes: Sturdi-Quick was terminated, effective Friday 9/28/06. The new contractor hired to complete the concrete work and building erection is Clevenger Construction Company. They mobilized to the site on Monday 10/9/06 to resume the concrete work left by SQ and JMC.</p> | |
| <p>Work anticipated to be performed the following week:</p> <ol style="list-style-type: none"> 1. Form and pour the 25' x 17' cooling tower pad, 10.5' x 5.5' equipment pad, and the exterior (to the building) portions of both ramps. | |

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

2. Obtain bids for insulation work.
3. Obtain bids for interior finish work (walls, ceilings, doors, continuous rafters partition, vent stack)
4. Begin the process of obtaining bids for HVAC work. (Write the SOW/RFP and send to contractors for solicitation)
5. Begin the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)

Schedule for two week look ahead:

1. Complete all exterior concrete work (pads and ramps).
2. Hold preparatory phase meeting for building erection. Tentatively scheduled for October 24th (1:00 PM at the site)
3. Begin erecting the building frame.

Overall construction schedule variances: Building erection is scheduled to begin 10/25/06. Although this is approximately three weeks behind the schedule provided 9/11/06 the completion of the building is expected around 11/26/06, or one week later than the 9/11/06 schedule indicated. The schedule for the erection of the building will be updated on a weekly basis. **A revised schedule for the treatment component equipment will be forwarded by John Wingate on.....**

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

- Status of on and off-site work and testing:
- All work details are being noted on the Daily QC Report.
- Rework Items Identified within the past week: None
- Rework Items Corrected within the past week: One bolt for column on northeast side of TC needs was reset. A section of the form for one of the containment curbs inner section east side out of square 1" was corrected.
- Twining Labs performed QC tests for the concrete pours on 10/12 and 10/13/06. The reports have been forwarded with the daily QC reports.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: SQ has been released from the project as of 9/28/06. Termination letter attached. Phone correspondence with SQ indicates that they have canceled the metal building delivery, scheduled for Monday Oct 2. The termination letter makes clear that TN&A will pay SQ for all work performed and for their role in delivering the metal building to the site. TN&A has paid SQ \$28,379, earmarked for the metal building delivery.

Other remarks:

Prepared by: [Mark Prostko – Construction Manager](#)

| OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT | |
|---|-----------------------------|
| Project Name: PEMACO REMEDIAL ACTION | For Week Ending: 10/21/06 |
| Project Location: MAYWOOD, CALIFORNIA | Report #: 2006W08 |
| Name: Mark Prostko | Title: Construction Manager |
| Company Name & Address: TN & Associates | |
| Phone: (805) 585-2110 | Fax: (805) 585-2111 |
| Reporting Period: 10/14 – 10/21/2006 | |
| Percent field work completed: | |
| Percent project completed: | |
| <p>Summary of work completed on site:</p> <ul style="list-style-type: none"> • Saturday 10/14/06 the crew saw cut the concrete joints within the Treatment Compound and electrical room pads. • Monday 10/16/06 the crew prepared subgrade for the 25' x 17', 10.5' x 5.5' concrete pads, and two (2) ramps and compacted with vibratory plate compactor. Began installation of forms and rebar for the concrete pads and ramps. • Tuesday 10/17/06 completed installation of forms and rebar for concrete pads and ramps. Twining Labs on site for initial rebar inspection and compaction testing of subgrade. • Wednesday 10/18/06 final rebar inspection and placement and finishing of 20 CY of 4,000 psi concrete for exterior concrete pads and ramps. Twining Labs took four (4) cylinders for break strength tests. • Thursday 10/19/09 straightened out locking gate on 60th street. No other work on site this day. • Friday 10/20/06 stripped forms and worked on field-fitting and grinding down the galvanized steel grates for trench drain/sump area. • Photo documentation of the site activities is ongoing. <p>Health and Safety (10/14/2006 to 10/21/2006)</p> <ul style="list-style-type: none"> • No incidents to report within the past week. • Perimeter dust monitoring program is being performed and documented. • Since August 4, a total of 40 work days have been completed without a lost time incident. • Daily safety meeting records are been completed by Mark Prostko and kept on file in the office trailer. • Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks. | |
| <p>Summary of work completed off site:</p> <p>Twining Labs is performing concrete cylinder break strength tests (ASTM C39). Reports will be forwarded as they become available. Preliminary data for strength tests for concrete poured on 10/12/06 3,410 psi (4 day) and 4,270 psi (7 day), 10/13/06 3,150 psi (3 day)</p> | |
| <p>Explanation of deviation from work plan (including modifications and schedule slippages:</p> <p>No deviations from Work Plan.</p> | |
| <p>Recommendations: John Hartley (USACE) suggests installing roof of pre-engineered building before the installation of wall skins, as has been proposed.</p> | |
| <p>Key personnel changes: None</p> | |
| <p>Work anticipated to be performed the following week:</p> <ol style="list-style-type: none"> 1. Obtain and review bids for insulation work. 2. Obtain bids for interior finish work (walls, ceilings, doors, continuous rafters partition, vent stack) 3. Obtain bids for HVAC work. (Write the SOW/RFP and send to contractors for solicitation) 4. Begin the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation) | |

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

Schedule for two week look ahead:

1. Hold preparatory phase meeting for building erection. Scheduled for 10/24/06 (2:00 PM at the site)
2. Begin erecting the building frame erection (torque and drypack) 10/25/06 through 10/31/06.
3. Begin installation of wall and roof skins (26 gauge steel) 11/01/06 through 11/03/06++.
4. Mobilize and begin drilling and installation of thermocouple wells in ERH area 10/30/06 through 11/3/06++

Overall construction schedule variances: Revised project schedule was provided by John Wingate 10/18/06.

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

- Status of on and off-site work and testing:
- Twining Labs will forward concrete strength test results for concrete poured on 10/12/06 and 10/13/06.
- Twining Labs performed nuclear density compaction testing 10/17/06 for the subgrade associated with the exterior concrete pads and ramps. Compaction at 95% was attained.
- Twining Labs performed initial rebar inspection 10/17/06 for the exterior concrete pads and ramps and identified a rework item as described below.
- Twining Labs performed final rebar inspection for the exterior concrete pads 10/18/06 and approved rebar placement for construction per plans and specifications.
- Twining Labs performed field QC tests for the concrete pour on 10/18. The report has been forwarded with the daily QC reports.
- All work details are being noted on the Daily QC Report.
- Rework Items Identified within the past week: Dowels required for the two (2) ramp-to-slab connections.
- Rework Items corrected within the past week: Dowels were installed with epoxy at the two (2) ramp-to-slab connections.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: [Mark Prostko – Construction Manager](#)

| OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT | |
|---|-----------------------------|
| Project Name: PEMACO REMEDIAL ACTION | For Week Ending: 10/28/06 |
| Project Location: MAYWOOD, CALIFORNIA | Report #: 2006W11 |
| Name: Mark Prostko | Title: Construction Manager |
| Company Name & Address: TN & Associates | |
| Phone: (805) 585-2110 | Fax: (805) 585-2111 |
| Reporting Period: 10/21 – 10/28/2006 | |
| Percent field work completed: | |
| Percent project completed: | |
| <p>Summary of work completed on site:</p> <ul style="list-style-type: none"> Made field modifications to the steel grate provided by SQ. The grate sections were ground down and field cut to fit into the angles cast in concrete for trench drain/sump area. Held Preparatory Phase Meeting for Building Erection held Tuesday 10/24, refer to Prep. Phase Meeting Form for details. Clevenger Construction Co. mobilized a small container for tools and small equipment 10/25/06. CLEVCO erected the long wall columns, installed X- bracing, rafters, roof purlins and end wall columns, installed X-bracing. (10/25/06, 10/26/06 and 10/27/06). CLEVCO installed girts on north and south walls. (10/27/06). TN&A swapped currently leased 3 CY dumpster for a 20 CY roll-off container on 10/27/06 to deal with increased construction waste, for approx. same cost (due to anticipated less frequent pick-ups of 20 CY container). Work was performed on Saturday 10/28 to re-weld end column base-plate to be square with perimeter of concrete pad. Photo documentation of the site activities is ongoing. <p>Health and Safety (10/14/2006 to 10/21/2006)</p> <ul style="list-style-type: none"> No accidents or incidents involving personnel to report within the past week. Two (2) power tools were removed from the site due to worn insulation on cords. Two extension cords were replaced due to worn insulation. Tools removed from the site were (1) Skil-Saw and (1) chop saw. Perimeter dust monitoring program is being performed and documented. Since August 4, a total of 45 work days have been completed without a lost time incident. Daily safety meeting records are been completed by Mark Prostko and kept on file in the office trailer. Daily safety meetings have included discussions on using appropriate PPE in the construction area as well as specific AHA's related to individual tasks. | |
| <p>Summary of work completed off site:</p> <ul style="list-style-type: none"> Twining Labs continues to hold concrete cylinders for 28 day break tests for concrete poured 10/12/06, 10/13/06 and 10/18/06. | |
| <p>Explanation of deviation from work plan (including modifications and schedule slippages:</p> <p>1) Several components of the building have not been delivered as of 10/28/06 such as the overhead rolling doors, wire mesh, and building flashing.</p> <p>2) Four (4) DS-3 8 x 25C16 x 16 3 ½" parts for building (girts for wire mesh frame out) appear to be missing from the shipping list.</p> | |
| <p>Recommendations: 1) Have SQ agree to end contract for overhead rolling doors, wire mesh, and building flashing. John Wingate is pursuing the option of purchasing the materials elsewhere. 2) Working with Braemar to obtain missing parts ASAP.</p> | |
| <p>Key personnel changes:</p> <p>Andrew Clevenger mobilized to the site to begin with the erection of the building Tuesday 10/24/06.</p> | |
| <p>Work anticipated to be performed the following week:</p> <ol style="list-style-type: none"> Evaluate the bids received to date for insulation work. Obtain bids for interior finish work (walls, ceilings, doors, continuous rafters partition, vent stack) | |

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

3. Obtain bids for HVAC work. (Write the SOW/RFP and send to contractors for solicitation)
4. Continue with the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)

Schedule for two week look ahead:

1. Mobilize and begin drilling and installation of thermocouple wells (TMP wells) within the ERH area 10/30/06 through 11/10/06
2. Torque bolts, dry pack, check all connections, check alignment of building frame that has been installed and check the elevations of bolts.
3. Begin installation of wall and roof skins (26 gauge steel) 10/31/06 through 11/10/06.

Overall construction schedule variances: None

Submittals and key correspondence since last report:

- Daily QC reports and site photos.
- Weekly report.

Quality control:

Status of on and off-site work and testing:

- Twining Labs will forward final concrete strength test results for concrete poured on 10/12/06 and 10/13/06, as soon as it is available.
- All work details are being noted on the Daily QC Report.

Rework Items Identified within the past week:

1. Two (2) door jam bolts are loose near north ramp. Identified 10/20/06) USACE approved corrective action will be epoxy grout injected into the area.
2. Grate for trench drain/sump requires field modifications to make the sections flush with the concrete floor. Total of three+ days of labor to date with 1-2 men and a power grinder and chop saw used. (Identified 10/20/06) Grinding complete. Require touch-up paint only.
3. There is a low spot in the floor within the trench drain approximately 15 feet from the east end. (Identified 10/20/06) USACE approved corrective action (since there is plenty of freeboard), will be to add concrete to the floor and slope as needed to eliminate low spot.
4. Two (2) door jam bolts loose near south ramp.(Identified 10/24/06). USACE approved corrective action will be epoxy grout injected into the area.
5. Two (2) column bolts near north ramp in far northeast corner of building require concrete patching. Identified in today's preparatory meeting 10/24/06 for building erection) Two (2) bolts are loose near north ramp. The bolts (door frame) can be steadied by using epoxy grout injected into the area.(Identified 10/20/06)

Rework Items corrected within the past week:

- Grate for trench drain/sump required field modifications to make the sections flush with the concrete floor. Grinding is complete. Touch up painting remains to be performed.

Cost Report:

[Will be provided in Separate Report]

Contract Status/Issues: None

Other remarks: None

Prepared by: [Mark Prostko – Construction Manager](#)